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1943 CERTIFIED SEED POTATO PRODUCTION  
EXCEEDS PREVIOUS RECORD BY 42 PERCENT.  
SUPPLY OF WAR-APPROVED SEED POTATOES LARGE

Largely because of sharp increases in acreage in 23 out of 27 producing States, the 1943 production of certified seed potatoes, estimated at 29,044,868 bushels, exceeded the previous record crop of 20,491,817 bushels in 1942 by 42 percent. This represents more than 6 percent of the United States production of all potatoes, and is nearly 2-1/3 times the 10-year (1932-41) average of 12,619,399 bushels of certified seed potatoes. In addition there were 12,622,571 bushels of War-approved seed potatoes inspected in 1943 making a total of 41,667,439 bushels, or nearly 9 percent of the United States crop of all potatoes, available for planting in 1944. War-approved seed potatoes are a new grade, established in 1943 by State certification agencies in conjunction with the War Food Administration. Tolerances allowed on this grade are greater than those established for the certified grade. War-approved seed potatoes have largely superseded the older grade known as selected seed potatoes, which formerly were used as the chief alternative to certified seed for planting.

Production of certified seed potatoes was larger in 1943 than a year earlier in all producing States except 7 namely, Nebraska, Wisconsin, Wyoming, Colorado, Tennessee, New Jersey, and Kentucky. The 6 leading States -- Maine, North Dakota, Minnesota, California, New York, and South Dakota which in the aggregate produced 85 percent of the United States certified seed potato crop -- showed marked increases.

In Maine, where about 48 percent of the United States certified seed crop is usually grown, a record crop of 13,067,903 bushels was certified in 1943, compared with 9,508,627 bushels in 1942 and 6,066,325 bushels, the average. In addition, 1,818,259 bushels of War-approved seed were reported. North Dakota, the second important seed potato State, also produced a record crop which at 5,084,330 bushels was 55 percent more than in 1942 and nearly 3 1/2 times the average. This State reported 5,593,687 bushels of War-approved seed stock. The Minnesota certified seed production at 3,505,066 bushels exceeded the record 1942 crop by 45 percent and was over 2-4/5 times the average. In addition 2,558,866 bushels of War-approved seed was produced. These three States (Maine, North Dakota, and Minnesota) produced in 1943 nearly 76 percent of the United States supply of Certified and War-approved seed potatoes. Production estimates, with comparisons, for these and other States are shown in table 1.

The number of acres of certified seed potatoes that passed inspection in 1943 was larger than in 1942 in all important States except Wisconsin. The United States total of 125,977 acres in 1943 was 32 percent more than the 95,230 acres which passed inspection a year earlier and compares with 96,282 acres in 1941 and 91,939 acres in 1940.

Yields per acre were above those of 1942 in California, Idaho, Maine, Minnesota, North Dakota, Pennsylvania, South Dakota, and Washington, but in all other States they were lower. For the United States the average of 231 bushels in 1943 compares with 215 bushels for 1942 and with 182 bushels in 1941. Included in these averages are total yields reported by some States, and yields exclusive of culls in other States.

The production increase in 1943 over 1942 was shared by all leading varieties except Chippewa and by three minor varieties, namely, Rural New Yorker, Houma, and Spaulding Rose which showed decreases. Cobbler represented 26.8 percent of all certified seed potatoes (28.8 percent in 1942) and 44.4 percent of the total War-approved production. Triumph was second with 19.5 percent of the total (18.8 percent in 1942) and 38.0 percent of the War-approved total. Katahdin was in third place representing 16.1 percent of the certified seed total, and for the first time outranked Cobbler in the New England States. Other varieties in order with percentages of the total certified seed production are: Green Mountain, 10.8; Sebago, 5.7; Russet Burbank (Notched Gem), 5.1; and all others, 16.0 percent. (See following tables for production by varieties).

FEB 23 1944



Production in 1943 of certified seed potatoes classed in the "other varieties" group (page 7) in bushels, with leading producing States for the variety named shown in parentheses, was: Red McClure, 329,744 (Colo.); Warba, 169,686 (Minn., N.Dak., and Me.); Red Warba, 156,877 (Minn., N.Dak., and Wyo.); Pontiac, 129,051 (N.Dak., Minn., Mich., and Colo.); Earlsine, 70,472 (Me., and N.Y.); Pawnee 21,364 (Colo.); Kasota, 15,110 (N.Dak., and Minn.); Perfect Peachblow, 11,343 (Colo.); Mesaba, 9,525 (Minn., and S.Dak.); Dakota Red, 4,319 (N.J., and Md.); Erie, 1,530 (Mich., Ohio, and N.Dak.); Early Rose, 1,350 (Oreg.); Earliest of All, 1,050 (Oreg.), and all other varieties including Potomac, Columbia Russet, Victory, Early Michigan, White Star, 29,981 (mostly in Me., N.Dak., Oreg., Md., and Minn.).

Canadian Production: Reports received by the New England Crop Reporting Service, Boston, Massachusetts, indicate the production of certified seed potatoes in the Provinces of New Brunswick, Nova Scotia, and Prince Edward Island at 3,199,000 bushels in 1943; compared with 3,836,000 bushels in 1942. The 1943 production (bushels) in these Provinces by varieties, with 1942 shown in parentheses, was Cobbler, 747,000 (1,191,000); Green Mountain, 849,000 (1,394,000); Katahdin, 1,091,000 (884,000); Chippewa, 4,000 (6,000); and all other varieties, 508,000 (361,000).

TABLE 1 CERTIFIED SEED POTATO PRODUCTION BY STATES, AVERAGE 1932-1941;  
ANNUAL 1942 AND 1943; AND WAR-APPROVED SEED POTATOES 1943.

State	Average 1932-41	1942	Certified 1943	War Approved 1943
B u s h e l s				
Arizona	131	0	0	0
California	45,084	129,167	1,184,668	185,624
Colorado	478,001	971,751	751,393	623,223
Georgia	10,250	0	1,200	0
Idaho	221,538	261,414	450,389	0
Kentucky	5,928	5,030	2,158	1,380
Louisiana	11,492	83,330	0	0
Maine	6,066,325	9,508,627	13,067,903	1,818,259
Maryland	46,065	35,137	42,970	0
Michigan	288,701	344,090	422,681	177,271
Minnesota	1,226,932	2,411,896	3,505,066	2,558,866
Montana	135,836	204,414	286,842	50,445
Nebraska	577,311	484,543	482,945	673,154
New Hampshire	26,850	38,390	45,751	36,575
New Jersey	81,681	103,151	53,106	9,159
New Mexico	2,900	0	0	0
New York	477,095	780,850	989,250	141,700
North Carolina	9,166	17,455	33,655	0
North Dakota	1,456,919	3,282,350	5,084,330	5,593,687
Ohio	2,180	0	500	87,600
Oregon	293,424	372,050	515,770	176,720
Pennsylvania	186,266	211,330	307,834	0
South Dakota	77,795	406,393	887,235	97,350
Tennessee	33,795	50,490	36,766	0
Utah	58,752	55,409	61,093	25,505
Vermont	145,677	96,489	179,484	22,000
Virginia	70	0	250	0
Washington	207,600	165,301	248,266	72,800
Wisconsin	208,213	246,990	218,880	50,800
Wyoming	276,257	225,770	184,483	220,453
Total	12,619,399	20,491,817	29,044,868	12,622,571

1/ Short-time average. 2/ 1941 only.



TABLE 2- PRODUCTION OF CERTIFIED & WAR APPROVED SEED POTATOES BY VARIETIES

State	Certified Production				War Approved Production	
	1940	1941	1942	1943	1943	
	Bushels	Bushels	Bushels	Bushels	Bushels	
COBBLER						
California	0	0	0	1,333	0	
Colorado	116,757	88,535	132,276	167,952	32,878	
Idaho	3,330	1,500	292	250	0	
Kentucky	2,661	1,982	4,750	1,552	1,200	
Maine	2,863,042	2,370,720	2,849,236	3,794,780	1,730,575	
Maryland	21,475	7,700	20,500	22,125	0	
Michigan	16,890	9,345	9,050	7,837	0	
Minnesota	811,502	1,021,940	1,327,493	1,729,170	1,542,726	
Montana	750	90	25	0	0	
Nebraska	14,836	9,191	2,645	268	5,451	
New Hampshire	125	75	100	969	0	
New Jersey	34,289	12,508	3,554	2,546	313	
New Mexico	1,080	0	0	0	0	
New York	36,800	39,500	38,200	47,800	18,400	
North Carolina	0	0	350	0	0	
North Dakota	880,500	900,000	1,350,000	1,778,595	2,256,135	
Oregon	1,800	1,300	750	2,520	150	
Pennsylvania	1,920	0	270	2,825	0	
South Dakota	4,350	34,500	97,185	171,800	17,250	
Tennessee	3,945	2,240	4,300	860	0	
Utah	3,865	5,310	8,400	5,228	2,160	
Vermont	788	0	1,568	2,000	0	
Washington	3,890	1,000	566	0	0	
Wisconsin	40,700	37,800	59,130	59,000	3,000	
Wyoming	23,400	5,338	5,159	1,647	0	
Total	4,888,605	4,550,574	5,915,799	7,801,057	5,610,238	
TRIUMPH						
Colorado	182,633	62,955	98,121	115,576	116,698	
Georgia	20,000	500	0	1,200	0	
Idaho	34,870	23,650	4,714	5,650	0	
Kentucky	75	75	0	0	0	
Louisiana	1,000	7,000	1/ 83,330	0	0	
Maine	77,483	90,346	84,832	123,889	0	
Michigan	2,500	1,900	0	0	0	
Minnesota	602,374	660,552	684,310	1,065,547	738,639	
Montana	106,851	91,698	80,499	119,090	5,710	
Nebraska	989,578	1,049,100	474,760	474,000	660,043	
New Jersey	0	0	0	2,470	0	
New York	19,300	11,600	14,900	12,100	0	
North Carolina	100	0	0	0	0	
North Dakota	1,090,000	1,200,000	1,700,000	2,826,458	3,013,642	
Oregon	1,600	1,500	1,350	1,020	70	
South Dakota	145,950	228,310	289,473	662,400	51,200	
Tennessee	37,000	29,313	40,800	21,600	0	
Utah	29,640	28,800	27,169	34,255	18,200	
Washington	233	2,000	766	1,600	0	
Wisconsin	72,670	31,300	48,000	31,000	1,200	
Wyoming	674,100	265,000	216,078	171,283	190,389	
Total	4,087,957	3,785,599	3,849,102	5,669,138	4,795,791	
1/ No. 2 grade.						
SPAULDING ROSE						
Maine	34,534	18,258	12,617	6,174	0	
Minnesota	1,500	2,100	1,190	0	0	
Total	36,034	20,358	13,807	6,174	0	

FEB 25 1944



State	Certified Production				War Approved Production
	1940	1941	1942	1943	1943
	Bushels	Bushels	Bushels	Bushels	Bushels
GREEN MOUNTAIN					
Maine	2,593,401	2,347,345	1,954,989	2,645,616	87,684
Maryland	0	0	0	44	0
Michigan	23,370	13,095	21,050	34,255	11,279
Minnesota	43,690	16,876	12,705	6,075	5,120
Montana	0	0	0	0	140
New Hampshire	15,219	44,940	34,675	43,520	35,750
New Jersey	901	998	780	733	0
New York	178,000	237,000	294,000	266,000	6,000
North Carolina	375	650	200	100	0
Pennsylvania	0	200	0	0	0
Tennessee	2,830	6,720	1,075	1,950	0
Vermont	88,000	97,215	75,800	128,000	22,000
Washington	0	0	200	267	0
Wisconsin	14,150	16,100	6,400	5,500	2,250
Total	2,959,936	2,781,139	2,401,874	3,132,060	170,223
EARLY OHIO					
Colorado	120	0	0	0	0
Idaho	1,000	0	717	250	0
Maine	358	491	0	0	0
Minnesota	252,927	170,484	106,821	131,722	71,526
Montana	60	0	0	0	0
North Dakota	162,000	110,000	55,000	102,900	157,560
Oregon	180	0	0	0	0
South Dakota	10,875	8,500	10,635	15,820	13,500
Utah	820	1,170	530	255	110
Wyoming	300	0	0	0	0
Total	428,640	290,645	173,703	250,947	242,696
BURBANK					
California	1,333	7,850	12,500	58,333	0
Minnesota	1,500	400	0	0	0
Montana	5,400	0	0	0	0
North Dakota	13,750	0	0	0	0
South Dakota	0	1,800	0	0	0
Oregon	73,815	70,800	52,000	122,000	46,000
Washington	1,267	1,233	1,398	3,233	0
Total	97,065	82,083	65,898	183,566	46,000
RUSSET BURBANK (NETTED GEM)					
California	10,000	28,000	100,000	458,334	22,083
Colorado	12,734	9,476	18,038	12,564	23,695
Idaho	330,208	335,891	253,908	441,231	0
Minnesota	27,449	45,394	29,697	23,732	0
Montana	66,810	62,286	75,590	121,272	44,235
North Dakota	0	600	3,000	1,500	15,600
Oregon	326,370	216,600	210,000	312,000	110,000
Utah	23,040	20,745	18,700	19,835	4,860
Washington	66,567	62,837	49,417	93,400	72,800
Wisconsin	0	400	1,700	1,200	0
Wyoming	0	0	400	406	807
Total	863,178	782,229	760,450	1,485,474	294,080



State	Certified Production				War Approved Production
	1940	1941	1942	1943	1943
	Bushels	Bushels	Bushels	Bushels	Bushels
RUSSET RURAL					
Colorado	11,062	3,330	3,837	3,224	10,334
Maine	63,410	53,284	66,432	54,288	0
Maryland	1,275	250	0	1,794	0
Michigan	252,216	223,676	222,054	271,986	107,509
Minnesota	5,561	1,196	0	0	0
New York	33,700	14,000	24,600	19,600	7,500
Ohio	0	0	0	0	28,000
Pennsylvania	125,586	122,503	91,479	121,825	0
Utah	480	0	0	0	0
Wisconsin	17,110	9,674	6,900	8,200	1,550
Wyoming	2,000	1,633	431	1,210	23,967
Total	512,400	429,546	415,733	482,127	178,860
RURAL NEW YORKER (Also called White Rural or Smooth Rural)					
Colorado	23,741	23,560	9,367	14,581	44,159
Maryland	4,950	156	225	2,362	0
Michigan	2,578	1,285	2,040	2,365	0
Minnesota	6,503	4,074	0	0	0
New York	51,000	32,000	21,000	21,600	23,400
Ohio	0	0	0	0	500
Pennsylvania	31,529	39,446	38,977	40,536	0
Utah	0	0	185	935	175
Wisconsin	15,575	10,280	9,800	1,860	600
Total	135,876	110,301	81,594	84,239	68,834
KATAHDIN					
Colorado	89,031	86,446	98,389	22,056	106,288
Idaho	2,208	790	317	542	0
Kentucky	225	125	280	480	180
Maine	1,754,638	1,664,809	2,433,959	4,040,904	0
Maryland	1,150	0	0	100	0
Michigan	24,740	19,860	22,621	22,220	16,380
Minnesota	7,293	49,315	26,162	45,725	4,600
Montana	1,100	0	0	0	0
Nebraska	2,671	6,363	6,340	5,141	6,700
New Jersey	26,761	22,254	43,605	32,818	4,008
New Mexico	700	0	0	0	0
New York	156,000	181,000	217,000	324,000	30,800
North Dakota	7,800	4,500	16,000	40,650	6,600
Ohio	0	0	0	0	45,000
Oregon	4,410	1,500	2,000	910	0
Pennsylvania	25,132	38,182	47,389	80,999	0
South Dakota	0	0	400	3,080	0
Tennessee	0	0	50	0	0
Vermont	3,150	5,931	10,837	15,300	0
Wisconsin	8,640	13,600	36,810	40,000	5,100
Wyoming	1,800	2,948	600	973	830
Total	2,117,449	2,097,623	2,962,759	4,675,898	226,486



State	Certified Production				War Approved Production
	1940	1941	1942	1943	1943
	Bushels	Bushels	Bushels	Bushels	Bushels
CHIPPEWA					
Colorado	6,318	5,985	2,950	10,230	1,400
Idaho	0	200	558	1,883	0
Kentucky	0	0	0	64	0
Maine	718,445	440,985	892,625	653,752	0
Michigan	78,229	48,205	61,854	69,765	31,604
Minnesota	45,179	0	35,965	90,115	49,764
Montana	200	0	0	2,100	0
Nebraska	230	715	575	545	960
New Hampshire	1,540	0	0	0	0
New Jersey	31,584	20,201	42,232	5,433	1,029
New York	37,400	49,500	84,900	132,000	4,100
North Dakota	2,700	16,000	95,000	147,900	34,200
Pennsylvania	5,558	13,429	4,928	14,583	0
South Dakota	7,155	1,500	8,250	26,700	15,400
Tennessee	0	0	0	400	0
Utah	0	0	0	160	0
Vermont	7,650	0	0	962	0
Wisconsin	30,720	52,800	64,100	56,000	26,300
Wyoming	0	0	0	387	0
Total	972,908	649,520	1,293,937	1,212,979	164,757
WHITE ROSE					
Arizona	250	0	0	0	0
California	12,500	22,700	16,667	666,668	163,333
Colorado	30,428	16,890	20,759	33,223	5,350
Maine	446	0	0	0	0
Minnesota	95,465	58,485	88,925	88,129	0
Montana	53,760	65,250	48,300	44,380	0
North Dakota	45,500	28,000	22,000	58,887	4,950
Oregon	178,700	260,000	101,000	73,000	18,000
South Dakota	0	1,600	0	0	0
Utah	640	1,620	425	425	0
Washington	345,133	372,733	112,887	149,433	0
Wisconsin	7,200	2,500	600	1,670	2,000
Total	770,022	829,778	411,563	1,115,915	193,633
SEBAGO					
Maine	188,223	438,763	906,518	1,453,188	0
Maryland	0	181	0	194	0
Michigan	0	0	750	1,890	700
Minnesota	0	0	5,145	19,781	1,820
New Jersey	0	0	4,997	3,093	3,152
New York	900	35,100	53,700	111,000	45,000
North Dakota	0	4,500	500	5,700	0
Ohio	0	0	0	0	14,100
Pennsylvania	0	807	10,621	35,248	0
Vermont	0	0	250	2,430	0
Washington	0	0	0	333	0
Wisconsin	0	1,625	11,350	10,800	7,200
Total	189,123	480,976	993,831	1,643,657	71,972
HOUMA					
Maine	54,428	229,973	247,110	150,450	0
Minnesota	2,145	906	167	0	0
New Hampshire	1,309	1,400	2,290	900	825
New Jersey	2,250	1,266	1,550	675	313
New York	3,750	14,150	8,100	14,900	2,200
North Dakota	1,800	3,500	700	0	600
Pennsylvania	4,509	12,431	8,107	7,100	0
Vermont	445	4,500	7,722	29,355	0
Total	70,636	268,126	275,746	203,380	3,938



State	Certified Production					War Appr
	Production					Product
	1940	1941	1942	1943	1943	
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
SEQUOIA						
Maine	0	0	0	57,138		0
Maryland	985	9,188	13,425	13,700		0
Minnesota	0	0	1,845	3,600		0
Montana	0	125	0	0		0
New Hampshire	0	0	1,325	362		0
New Jersey	0	165	963	2,469		344
New York	0	0	0	18,500		700
North Carolina	970	10,395	16,905	33,555		0
North Dakota	0	0	150	0		0
Pennsylvania	0	388	1,570	4,155		0
Tennessee	0	0	1,750	11,956		0
Vermont	0	0	0	687		0
Virginia	0	70	0	250		0
Washington	0	66	67	0		0
Total	1,955	20,397	38,000	146,372		1,044

1/ OTHER VARIETIES

Arizona	12	0	0	0	0
California	1,500	0	0	0	208
Colorado	364,645	161,129	588,014	371,987	282,421
Idaho	8,716	5,800	908	583	0
Kentucky	0	0	0	62	0
Maine	117,788	37,859	60,309	87,724	0
Maryland	935	631	987	2,651	0
Michigan	7,183	6,775	4,671	12,363	9,799
Minnesota	50,946	90,728	91,471	301,470	144,671
Montana	450	2,000	0	0	360
Nebraska	125	1,214	223	2,991	0
New Hampshire	420	0	0	0	0
New Jersey	3,913	2,696	5,470	2,869	0
New York	300	2,700	7,700	21,750	3,600
North Dakota	4,175	15,100	40,000	121,740	104,400
Ohio	0	0	0	500	0
Oregon	5,550	10,000	4,950	4,320	2,500
Pennsylvania	25,738	14,344	7,989	563	0
South Dakota	0	125	450	7,435	0
Tennessee	0	0	2,515	0	0
Vermont	138	450	312	750	0
Washington	7,134	200	0	0	0
Wisconsin	0	650	2,200	3,650	1,600
Wyoming	0	0	3,102	8,577	4,460
Total	599,668	352,401	821,271	951,985	554,019

1/ Includes the following: Idaho Rural, Early Rose, Dakota Red, Perfect Peachblow, Brown Beauty, Warba, Red Warba, Red McClure, Earlane No. 2, Mesaba, Pontiac, Kasota, Pawnee and several other varieties.



